

Amendments to the Claims

This listing of claims will replace all prior versions, and listing, of claims in the application.

Listing of Claims:

1. (currently amended) A bidirectional promoter complex comprising:
a modified enhancer region that includes at least two enhancer sequences; and
at least two core promoters, the core promoters being on either side of the modified
enhancer region in a divergent orientation;
wherein the bidirectional promoter complex includes SEQ. I.D. No. 1.
2. (original) The bidirectional promoter complex of claim 1 wherein the modified enhancer
region includes at least two tandem oriented enhancer sequences having substantial sequence
identity.
3. (original) The bidirectional promoter complex of claim 1 wherein the modified enhancer
region is constructed such that a 3' end of a first enhancer sequence is linked to a 5' end of a second
enhancer sequence.
4. (original) The bidirectional promoter complex of claim 1 wherein the modified enhancer
region includes a number of enhancer sequences which is a multiple of two.
5. (currently amended) The bidirectional promoter complex of claim 1 wherein the core
promoters have a sequence homology of ~~about~~ 30% and include at least about 5 base pairs of
identical contiguous nucleotides.
6. (original) The bidirectional promoter complex of claim 1 wherein the core promoters are
fused to either end of the modified enhancer region in a divergent orientation.
7. (original) The bidirectional promoter complex of claim 1 wherein each core promoter
includes a TATA-box concensus element and an Initiator.

8. (original) The bidirectional promoter complex of claim 7 wherein each core promoter further includes at least one cis-acting element.

Claims 9 - 17 (cancel)

18. (currently amended) A vector comprising a bidirectional promoter complex, the bidirectional promoter complex including a modified enhancer region and at least two core promoters, the core promoters being on either side of the modified enhancer complex in a divergent orientation;

wherein the bidirectional promoter complex includes SEQ. I.D. No. 1.

19. (currently amended) A eukaryotic cell transfected with a vector, the vector comprising a bidirectional promoter complex, the bidirectional promoter complex including a modified enhancer region and at least two core promoters, the core promoters being on either side of the modified enhancer region in a divergent orientation;

wherein the bidirectional promoter complex includes SEQ. I.D. No. 1.

Claims 20 - 21 (cancel)

22. (currently amended) A method for improving transcription efficiency of transgenes, the method comprising inserting the transgene into a vector, the vector comprising a bidirectional promoter complex, the bidirectional promoter complex including a modified enhancer region and at least two core promoters, the core promoters being on either side of the modified enhancer region in a divergent orientation, the bidirectional promoter complex being effective for improving transcriptional efficiency of the transgene;

wherein the bidirectional promoter complex includes SEQ. I.D. No. 1.

23. (currently amended) A method for producing one or more polypeptides, the method comprising inserting a transgene into a vector, the vector comprising a bidirectional promoter complex, the bidirectional promoter complex including a modified enhancer region and at least two

core promoters, the core promoters being on either side of the modified enhancer complex in a divergent orientation, the bidirectional promoter complex being effective for improving transcriptional efficiency of the transgene;

wherein the bidirectional promoter complex includes SEQ. I.D. No. 1.